

ABSTRACT OF SANITARY REPORTS.

VOL. X.

WASHINGTON, D. C., FEBRUARY 22, 1895.

No. 8.

TREASURY DEPARTMENT, *United States Marine-Hospital Service*.—Published in accordance with act of Congress approved February 15, 1893.

UNITED STATES.

[Reports to the Supervising Surgeon-General M. H. S.]

Smallpox in Wisconsin.

MILWAUKEE, February 18, 1895.

SIR: I have the honor to report that the following concerning smallpox in this State has been received at this office during the week ending February 16, 1895: Gibson Township, Manitowoc County, 1 case, 1 death; Eau Claire, Eau Claire County, 1 case, no deaths; Milwaukee, Milwaukee County, 7 cases, 2 deaths. On hand in Milwaukee at the present time: In hospitals, 14; in homes, 22; total, 36.

Very respectfully,

U. O. B. WINGATE,
Secretary State Board of Health.

Smallpox in Pennsylvania—Diphtheria in Philadelphia.

PHILADELPHIA, February 12, 1895.

DEAR SIR: The smallpox status in this State is as follows: Philadelphia, number of cases reported since January 23, 1895, 66; number of deaths, 5. Ashbourne, Montgomery County, number of cases reported since January 23, 1895, 2. Danville, Montour County, 1 case—patient came from New York via Williamsport, Lycoming County.

Number of cases of diphtheria reported in Philadelphia since January 23, 1895, 280; number of deaths, 114.

One case of cerebro-spinal meningitis is reported in Philadelphia.

Yours, very truly,

BENJAMIN LEE, M. D.,
Secretary State Board of Health.

Smallpox in Providence.

PROVIDENCE, R. I., February 12, 1895.

SIR: It becomes my duty to inform you that 1 case of smallpox exists in Providence, in this State, in the person of Christine Dowding, 7 years old, a resident of this State. The origin of the disease is unknown.

Yours, truly,

GARDNER T. SWARTS,
Secretary State Board of Health.

One Case of Smallpox at Monroe, La.

SHREVEPORT, LA., February 10, 1895.

SIR: I have the honor to report a case of smallpox about 90 miles east of this city, at Monroe, La., on the line of the Vicksburg, Shreveport and Pacific Railroad, where the Houston Central, Arkansas and Northern Railroad intersect; and forward all data relating thereto. Mr. Marlow, drummer for the Goodyear Rubber Company, St. Louis, Mo., was taken sick some days since at the hotel known as the Key House, and it appears that the nature of the disease was not recognized until the evening of the 8th instant, when eruption appeared. The hotel is said to have been immediately vacated, and a rigid quarantine established. "The board of health of Monroe has taken every possible precaution to prevent the spread of the disease." Should other cases occur, will advise you.

Very respectfully,

A. R. BOOTH,
Acting Assistant Surgeon, M. H. S.

SHREVEPORT, LA., February 12, 1895.

SIR: I have the honor to report in re case of smallpox in Monroe, La., the following data received from the president of the board of health of that town: The hotel wherein the case occurred was immediately vacated, and all persons occupying said building were vaccinated, and no one is allowed to come on the premises, except the physician in attendance, the nurses remaining continuously in the house. I am promised information promptly should another case occur, which is not likely.

Very respectfully,

A. R. BOOTH,
*Acting Assistant Surgeon, M. H. S.**Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, November 22, 1894, to February 19, 1895.*

Places.	Date.	Cases.	Deaths.	Remarks.
Connecticut:				
Groton.....	Dec. 5.....	1		
District of Columbia:				
Washington.....	Oct. 18-Feb. 6.....	47	9	
Illinois:				
Belvidere.....	Jan. 25.....	1		
Byron.....	Jan. 11.....	1		
Chicago.....	Dec. 1-Dec. 31.....	139	42	
	Jan. 1-Jan. 31.....	193	44	
	Feb. 1-Feb. 12.....	47		
Desplaines.....	Jan. 25.....	1		
East Chicago.....	Jan. 17-Jan. 29.....	2	1	
Kirkland.....	Jan. 1-Jan. 9.....	1		
Olney.....	do.....	1		
Quincy.....	do.....	1		
Sycamore.....	Jan. 24.....	2		
Winnetka.....	Jan. 1-Jan. 9.....	4		
Indiana:				
Michigan City.....	Jan. 12-Feb. 9.....	2	1	
Franklin.....	Feb. 9.....	1		
New Carlisle.....	do.....	2		
Roby.....	do.....	1		
Iowa:				
Council Bluffs.....	Jan. 27-Feb. 2.....	3		
Louisiana:				
Monroe.....	Feb. 10.....	1		
Michigan:				
Bengal Township.....	Dec. 29-Jan. 16.....	4		
Chester.....	Dec. 10.....	1		
Danby Township.....	Jan. 5.....			Smallpox reported.

February 22, 1895.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine Hospital Service, November 22, 1894, to February 19, 1895—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Detroit	Dec. 1-Jan. 12	46	15	
	Jan. 27-Feb. 9	15	6	
Hamtramck Township.....	Jan. 21.....	1	.....
Highland Park.....	Jan. 4.....	1	.....
Manchester Township.....	Jan. 2.....	.....	
Marquette.....	Dec. 10.....	1	.....
Plymouth Township.....	Jan. 1-Feb. 6.....	4	1	
Pontiac.....	Jan. 16.....	1	.....
Royal Oak Township.....	Jan. 22.....	1	.....
Sebewa Township.....	Nov. 14-Jan. 16.....	12	1	
Southfield Township.....	Dec. 30.....	2	.....
St. Johns Township.....	Jan. 2.....	.....	
Watersmeet Township.....	Dec. 1-Jan. 16.....	4	.....
Missouri:				
St. Louis	Jan. 12-Feb. 9.....	25	4	
New Jersey :				
Paterson	Dec. 10.....	2	.....
New York :				
Brooklyn.....	Dec. 1-Dec. 31.....	6	3	
New York.....	Jan. 1-Feb. 16.....	3	.....
	Nov. 24-Feb. 9.....	55	10	
Utica	Jan. 12-Jan. 19.....	1	.....
Ohio:				
Columbus	Jan. 19-Jan. 29.....	2	.....
Mansfield	Jan. 4.....	1	.....
Millersport	do	2	.....
Toledo	do	1	.....
Pennsylvania :				
Ashbourne	Jan. 1-Feb. 12.....	9	1	
Avondale, Chester Co.	Dec. 18-Jan. 1.....	1	.....
Danville.....	Jan. 23-Feb. 12.....	1	.....
Nazareth, Northampton Co.	Dec. 18-Jan. 10.....	3	.....
Philadelphia.....	Dec. 18-Feb. 12.....	158	18	
Pittsburg.....	Jan. 1.....	1	.....
Rhode Island :				
Providence	Feb. 12.....	1	.....
Vermont :				
Washington	Dec. 15-Dec. 25.....	2	.....
Virginia :				
Nomini	Dec. 27.....	5	.....
Wisconsin :				
Appleton	Jan. 5-Jan. 26.....	10	.....
Chippewa Falls	Dec. 28-Jan. 5.....	1	.....
Eau Claire	Feb. 9-Feb. 16.....	1	.....
Fond du Lac	Dec. 10-Dec. 17.....	1	.....
	Dec. 22-Dec. 29.....	3	.....
	Jan. 12-Jan. 19.....	1	1	
Fountain Township.....	Jan. 12-Jan. 19.....	1	.....
Franklin Township.....	Jan. 19-Jan. 25.....	1	.....
Gibson Township.....	Jan. 5-Feb. 16.....	14	2	
Greenfield.....	Dec. 22-Feb. 2.....	9	1	
Manitowoc Rapids.....	Dec. 28-Jan. 26.....	2	.....
Mishicot.....	Dec. 28-Jan. 26.....	15	2	
Milwaukee.....	Oct. 6-Feb. 16.....	495	156	
Rhineland.....	Dec. 3-Jan. 12.....	3	1	
Two Rivers.....	Oct. 22-Dec. 10.....	14	4	
	Jan. 12-Jan. 26.....	4	1	
Wauwatosa	Dec. 10-Dec. 24.....	3	.....

Report of Immigration at New York for the Week ended February 16, 1895.

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, February 18, 1895.**

Number of Alien Immigrants who Arrived at this Port during the Week ended February 16, 1895; also Names of Vessels and Ports from which they Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Feb. 10	Steamship Rhynland	Antwerp	27	108
Feb. 11	Steamship Umbria.....	Liverpool and Queenstown	1	144
Do....	Steamship Wittekind	Bremen	78	306

Number of alien immigrants who arrived at the port of New York during the week ended February 16, 1895; also names of vessels and ports from which they arrived—Continued.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895.				
Feb. 11	Steamship Maasdam.....	Rotterdam and Bologne.....	30	197
Do....	Steamship La Normandie.....	Havre .....	.....	80
Feb. 12	Steamship Westernland	Antwerp	8	252
Do....	Steamship La Gascogne	Havre .....	.....	110
Do....	Steamship State of California	Glasgow	69	97
Do....	Steamship Dania	Hamburg.....	35	96
Do....	Steamship Bolivia	Naples .....	.....	194
Feb. 13	Steamship Taormina	Hamburg	42	92
Feb. 14	Steamship Normannia	Genoa and Naples .....	.....	160
Feb. 15	Steamship Saale	Bremen .....	.....	125
Feb. 16	Steamship Karlsruhe	do.....	119	239
Do....	Steamship Britannic	Liverpool and Queenstown.....	14	146
	Total		423	2,346

DR. J. H. SENNER,
Commissioner of Immigration.

Report of Immigration at Philadelphia for the Week ended February 16, 1895.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, February 16, 1895.

Number of Alien Immigrants who Arrived at this Port during the Week ended February 16 1895; also Name of Vessel and Port from which it Arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1895. Feb. 13	Steamship Southwark	Liverpool and Queenstown....	35	276

JNO. J. S. RODGERS,
Commissioner of Immigration.

VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED STATES QUARANTINE STATIONS.

BRUNSWICK QUARANTINE.

Week ended February 9, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina-tion.	Treatment of vessel and cargo.	Date of dep'ture
Spanish brig Isabel.....	Feb. 6	Santiago de Cuba.	Brunswick...	Held for disinfection.	.....
German bark Cassandra.....	do	Rio de Janeiro.	do.....	do.....	.....
Am. bark Jacob A. Stamler....	Feb. 8....	do.....	do.....	do.....	.....
Spanish bark Maria.....	do....	Cienfuegos.....	do.....	do.....	.....

Four vessels inspected and passed.

February 22, 1895.

VESSELS REMAINING, ARRIVING AT, AND DEPARTING FROM UNITED STATES QUARANTINE STATIONS—*Continued.*

Week ended February 16, 1895.

Name of vessel.	Date of arrival.	Where from.	Destina-tion.	Treatment of vessel and cargo.	Date of dep'ture.
Spanish brig Isabel*	Feb. 6	Santiago de Cuba.	Brunswick..	Disinfected.....	Feb. 15
German bark Cassandra* ..	....do....	Rio de Janeiro.	.....do.....	Held for disinfection.	.....
Am. bark Jacob A. Stamler* ..	Feb. 8	.....do.....	do.....	.....do.....	.....
Spanish bark Maria* .....	....do....	Cienfuegos.	do.....	.....do.....	.....

* Previously reported.

Two vessels inspected and passed.

DELAWARE BREAKWATER QUARANTINE.

Week ended February 16, 1895.

Two vessels inspected and passed.

POR TOWNSEND QUARANTINE.

Week ended February 9, 1895.

One vessel inspected and passed.

SAN DIEGO QUARANTINE.

Week ended February 13, 1895.

Two vessels inspected and passed.

Report of States and Yearly and Monthly Reports of Cities.

CALIFORNIA.—Month of January, 1895. Reports to the State board of health from 69 cities, towns, and villages, having an aggregate population of 705,473, show a total of 1,074 deaths, including phthisis pulmonalis, 202; enteric fever, 29; scarlet fever, 3; diphtheria, 12; croup, 3; measles, 2; and whooping cough, 4.

Alameda.—Month of January, 1895. Estimated population, 14,000. Total deaths, 14, including 4 from phthisis pulmonalis.

Oakland.—Month of January, 1895. Estimated population, 60,000. Total deaths, 63, including phthisis pulmonalis, 8; enteric fever, 2; scarlet fever, 2; and diphtheria, 1.

San Francisco.—Month of January, 1895. Estimated population, 330,000. Total deaths, 547, including phthisis pulmonalis, 105; enteric fever, 14; leprosy, 1; diphtheria, 2; croup, 1; and measles, 1.

CONNECTICUT—Ansonia.—Month of January, 1895. Estimated population, 12,000. Total deaths, 11, including phthisis pulmonalis, 1; and enteric fever, 1.

Bridgeport.—Month of January, 1895. Estimated population, 58,243. Total deaths, 77, including phthisis pulmonalis, 13; diphtheria and croup, 8; and whooping cough, 1.

Bristol.—Month of January, 1895. Estimated population, 8,100. Total deaths, 9. No deaths from contagious diseases.

Danbury.—Month of January, 1895. Estimated population, 19,868. Total deaths, 17, including phthisis pulmonalis, 1; enteric fever 1; and whooping cough, 1.

Derby.—Month of January, 1895. Estimated population, 6,480. Total deaths, 4, including 2 from diphtheria and croup.

East Hartford.—Month of January, 1895. Estimated population 5,000. Total deaths, 3, including 1 from diphtheria and croup.

Enfield.—Month of January, 1895. Estimated population, 7,199. Total deaths, 5, including 1 from phthisis pulmonalis.

Greenwich.—Month of January, 1895. Estimated population, 10,500. Total deaths, 19, including enteric fever, 1; and measles, 1.

Groton.—Month of January, 1895. Estimated population, 5,593. Total deaths, 5, including 1 from phthisis pulmonalis.

Hartford.—Month of January, 1895. Estimated population, 60,000. Total deaths, 87, including phthisis pulmonalis, 11; enteric fever, 5; and diphtheria and croup, 4.

Huntington.—Month of January, 1895. Estimated population, 5,200. Total deaths, 3. No deaths from contagious diseases.

Killingly.—Month of January, 1895. Estimated population, 7,027. Total deaths, 5, including phthisis pulmonalis, 1; and diphtheria and croup, 1.

Manchester.—Month of January, 1895. Estimated population, 8,680. Total deaths, 2. No deaths from contagious diseases.

Meriden.—Month of January, 1895. Estimated population, 28,500. Total deaths, 30, including phthisis pulmonalis, 5; diphtheria and croup, 1; and whooping cough, 2.

Middletown.—Month of January, 1895. Estimated population, 17,160. Total deaths, 20, including phthisis pulmonalis, 4; and enteric fever, 2.

Naugatuck.—Month of January, 1895. Estimated population, 8,325. Total deaths, 8, including phthisis pulmonalis, 1; enteric fever, 1; and whooping cough, 1.

New Britain.—Month of January, 1895. Estimated population, 22,000. Total deaths, 22, including phthisis pulmonalis, 3; enteric fever, 1; and diphtheria and croup, 2.

New Haven.—Month of January, 1895. Estimated population, 100,000. Total deaths, 178, including phthisis pulmonalis, 15; enteric fever, 3, diphtheria and croup, 4; and whooping cough, 8.

New London.—Month of January, 1895. Estimated population, 15,000. Total deaths, 29, including 4 from phthisis pulmonalis.

Norwalk.—Month of January, 1895. Estimated population, 19,820. Total deaths, 21, including 1 from diphtheria and croup.

Norwich.—Month of January, 1895. Estimated population, 24,200. Total deaths, 26, including phthisis pulmonalis, 4; enteric fever, 2; and diphtheria and croup, 2.

Orange.—Month of January, 1895. Estimated population, 5,080. Total deaths, 8. No deaths from contagious diseases.

Plainfield.—Month of January, 1895. Estimated population, 5,000. Total deaths, 6, including phthisis pulmonalis, 1; and diphtheria and croup, 1.

Putnam.—Month of January, 1895. Estimated population, 6,750. Total deaths, 13, including phthisis pulmonalis, 2; enteric fever, 1; and diphtheria and croup, 1.

Southington.—Month of January, 1895. Estimated population, 5,500. Total deaths, 6, including 2 from phthisis pulmonalis.

Stafford.—Month of January, 1895. Estimated population, 5,000. Total deaths, 5, including phthisis pulmonalis, 1; and measles, 1.

Stamford.—Month of January, 1895. Estimated population, 18,000. Total deaths, 24, including phthisis pulmonalis, 4; and enteric fever, 1.

Stonington.—Month of January, 1895. Estimated population, 7,500. Total deaths, 16, including phthisis pulmonalis, 1; and diphtheria and croup, 1.

Thompson.—Month of January, 1895. Estimated population, 5,580. Total deaths, 11, including 1 from whooping cough.

Torrington.—Month of January, 1895. Estimated population, 7,500. Total deaths, 5, including 2 from phthisis pulmonalis.

Vernon.—Month of January, 1895. Estimated population, 9,000. Total deaths, 8, including 2 from phthisis pulmonalis.

Wallingford.—Month of January, 1895. Estimated population, 7,000. Total deaths, 7, including 2 from phthisis pulmonalis.

Waterbury.—Month of January, 1895. Estimated population, 38,000. Total deaths, 47, including phthisis pulmonalis, 5; enteric fever, 1; scarlet fever, 1; diphtheria and whooping cough, 4.

Westport.—Month of January, 1895. Estimated population, 4,000. Total deaths 4, including 1 from phthisis pulmonalis.

Winchester.—Month of January, 1895. Estimated population, 7,200. Total deaths, 2. No deaths from contagious diseases.

Windham.—Month of January, 1895. Estimated population, 10,450. Total deaths, 13, including 1 from phthisis pulmonalis.

FLORIDA.—Month of December, 1894. Reports to the State board of health from 45 counties, including the cities of Jacksonville and Pensacola, having an aggregate population of 391,422, show a total of 265 deaths, including phthisis pulmonalis, 34; enteric fever, 5; diphtheria, 2; croup, 1; and whooping cough, 2.

Tampa.—Month of January, 1895. Estimated population, 18,000. Total deaths, 14. No deaths from contagious diseases.

IOWA—*Davenport*.—Month of January, 1895. Estimated population, 35,500. Total deaths, 45, including phthisis pulmonalis, 7; enteric fever 2; diphtheria 1; and croup 1.

KENTUCKY—*Louisville*.—Month of January, 1895. Estimated population, 200,000. Total deaths, 296, including phthisis pulmonalis, 29; enteric fever, 12; scarlet fever, 1; diphtheria, 8; and croup, 3.

MARYLAND—*Baltimore*.—Month of January, 1895. Estimated popu-

lation, white, 422,568; colored, 73,747; total, 496,315. Deaths, white, 664; colored, 177; total, 841; including phthisis pulmonalis, 96; enteric fever, 11; scarlet fever, 9; diphtheria, 25; croup, 1; and whooping cough, 5.

MASSACHUSETTS—*Fitchburg*.—Month of January, 1895. Estimated population, 29,383. Total deaths, 32, including phthisis pulmonalis, 3; enteric fever, 2; diphtheria, 1; and croup, 1.

MICHIGAN.—Week ended February 9, 1895. Reports to the State board of health, Lansing, from 53 observers indicate that inflammation of kidney increased, and that pleuritis, pneumonia, and intermittent fever decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 227 places, scarlet fever at 54, diphtheria at 23, enteric fever at 22, measles at 9, and smallpox at 5 places—Bengal Township, Detroit, Hamtramck Township, Pontiac, and Royal Oak Township.

MINNESOTA—*Minneapolis*.—Month of January, 1895. Estimated population, 223,700. Total deaths, 206, including phthisis pulmonalis, 21; enteric fever, 4; scarlet fever, 1; diphtheria, 4; and whooping cough, 4.

MISSOURI—*Kansas City*.—Month of January, 1895. Population, 132,716. Total deaths, 164, including phthisis pulmonalis, 19; diphtheria, 3; and croup, 1.

St. Louis.—Month of January, 1895. Estimated population, 540,000. Total deaths, 703, including phthisis pulmonalis, 78; enteric fever, 12; scarlet fever, 3; diphtheria, 37; and croup, 13.

NEW HAMPSHIRE—*Concord*.—Month of January, 1895. Estimated population, 19,000. Total deaths, 35, including phthisis pulmonalis, 2; diphtheria, 1; and croup, 1.

OHIO—*Columbus*.—Month of January, 1895. Estimated population, 100,000. Total deaths, 128, including phthisis pulmonalis, 20; enteric fever, 2; scarlet fever, 1; diphtheria, 8; and croup, 2.

TOLEDO.—Month of January, 1895. Estimated population, 120,000. Total deaths, 106, including phthisis pulmonalis, 9; enteric fever, 1; scarlet fever, 1; diphtheria, 4; and croup, 5.

ZANESVILLE.—Month of January, 1895. Estimated population, 21,100. Total deaths, 38, including phthisis pulmonalis, 6; and diphtheria, 1.

RHODE ISLAND—*Newport*.—Two weeks ended February 16, 1895; Estimated population, 20,000. Total deaths, 9. No deaths from contagious diseases.

VERMONT—*Rutland*.—Month of January, 1895. Population, 11,760. Total deaths, 26. No deaths reported from contagious diseases.

WISCONSIN—*Milwaukee*.—Month of January, 1895. Estimated population, 275,000. Total deaths, 330, including phthisis pulmonalis, 25; enteric fever, 9; diphtheria, 16; smallpox, 10; croup, 3; and whooping cough, 6.

February 22, 1885.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended..	Population, U. S. Census of 1880.	Deaths from—											
			Total deaths from all causes.	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Allegheny, Pa.....	Feb. 16....	105,287	36	3	.....	.....	.....	.....	.....	2	1	3	.....	.....
Amesbury, Mass.....	do.....	9,798	7	2	.....	.....	.....	.....	.....	2	1	4	.....	.....
Ashtabula, Ohio.....	do.....	8,338	5	.....	.....	.....	.....	.....	.....	3	23	1	.....	.....
Augusta, Ga.....	Feb. 8.....	33,300	15	.....	.....	.....	.....	.....	.....	3	1	1	.....	.....
Do.....	Feb. 15.....	33,300	27	.....	.....	.....	.....	.....	.....	1	4	4	1	4
Baltimore, Md.....	Feb. 16.....	434,439	214	19	.....	.....	.....	.....	.....	1	4	4	1	4
Bath, Me.....	Feb. 9.....	8,723	4	.....	.....	.....	.....	.....	.....	3	23	1	.....	.....
Bennington, Vt.....	Feb. 16.....	6,391	6	.....	.....	.....	.....	.....	.....	3	1	1	.....	.....
Beverly, Mass.....	Feb. 9.....	10,821	4	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....
Binghamton, N. Y.....	Feb. 16.....	35,005	27	3	.....	.....	.....	.....	.....	3	23	1	.....	.....
Boston, Mass.....	do.....	448,477	294	33	.....	.....	.....	.....	.....	1	4	4	1	4
Bristol, Conn.....	Feb. 9.....	7,382	0	.....	.....	.....	.....	.....	.....	3	23	1	.....	.....
Bristol, R. I.....	do.....	5,478	2	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Brookline, Mass.....	do.....	12,103	7	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Brooklyn, N. Y.....	Feb. 16.....	806,343	462	57	.....	.....	.....	.....	.....	2	3	19	3	4
Bucyrus, Ohio.....	Feb. 9.....	5,974	4	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
Butler, Pa.....	do.....	8,734	0	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Do.....	Feb. 16.....	8,734	5	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Butte, Mont.....	Feb. 2.....	10,723	2	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Do.....	Feb. 9.....	10,723	2	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Charleston, S. C.....	do.....	* 54,955	+ 28	5	.....	.....	.....	.....	.....	1	1	1	.....	.....
Chester, Pa.....	Feb. 16.....	20,226	12	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
Cincinnati, Ohio.....	Feb. 15.....	296,908	128	20	.....	.....	.....	.....	.....	2	6	6	.....	.....
Cleveland, Ohio.....	Feb. 9.....	261,353	86	8	.....	.....	.....	.....	.....	3	1	1	.....	.....
Columbus, Ohio.....	Feb. 16.....	88,150	27	6	.....	.....	.....	.....	.....	1	1	1	.....	.....
Council Bluffs, Iowa.....	Feb. 9.....	21,474	7	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Crawfordsville, Ind.....	do.....	6,089	1	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Cumberland, Md.....	Feb. 16.....	12,729	6	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Dayton, Ohio.....	Feb. 14.....	61,220	35	5	.....	.....	.....	.....	.....	1	1	1	.....	.....
Dedham, Mass.....	Feb. 9.....	7,123	1	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Detroit, Mich.....	do.....	206,876	83	.....	.....	.....	.....	.....	.....	1	6	6	.....	.....
East St. Louis, Ill.....	Dec. 23.....	15,169	5	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Do.....	Dec. 30.....	15,169	3	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Elgin, Ill.....	Jan. 4.....	15,169	7	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Evansville, Ind.....	Feb. 9.....	17,823	6	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Fall River, Mass.....	Feb. 16.....	50,756	17	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Fort Worth, Tex.....	Feb. 9.....	23,076	7	2	.....	.....	.....	.....	.....	1	1	1	.....	.....
Gloucester, Mass.....	do.....	24,651	10	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Haverhill, Mass.....	Feb. 16.....	27,412	21	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
Hazleton, Pa.....	Feb. 9.....	11,872	3	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Hoboken, N. J.....	do.....	43,648	28	2	.....	.....	.....	.....	.....	1	1	1	.....	.....
Houston, Tex.....	do.....	27,557	13	3	.....	.....	.....	.....	.....	1	1	1	.....	.....
Ironton, Ohio.....	do.....	10,939	5	2	.....	.....	.....	.....	.....	1	1	1	.....	.....
Jersey City, N. J.....	Feb. 10.....	163,003	115	14	.....	.....	.....	.....	.....	1	2	1	.....	.....
Johnstown, N. Y.....	Feb. 9.....	7,768	3	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Kalamazoo, Mich.....	do.....	17,853	2	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Keokuk, Iowa.....	Feb. 14.....	14,101	7	2	.....	.....	.....	.....	.....	1	1	1	.....	.....
Lawrence, Mass.....	Feb. 9.....	44,654	16	7	.....	.....	.....	.....	.....	1	1	1	.....	.....
Lebanon, Pa.....	do.....	14,664	3	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Lowell, Mass.....	Feb. 16.....	77,696	55	6	.....	.....	.....	.....	.....	1	1	1	.....	.....
Lynchburg, Va.....	do.....	19,709	6	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Manitowoc, Wis.....	Jan. 5.....	7,710	3	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
Marlboro, Mass.....	do.....	13,805	9	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Massillon, Ohio.....	Feb. 16.....	10,092	8	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
Memphis, Tenn.....	do.....	64,495	32	6	.....	.....	.....	.....	.....	1	1	1	.....	.....
Middletown, Ohio.....	Feb. 9.....	7,681	1	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
Milwaukee, Wis.....	do.....	204,468	91	5	2	.....	.....	.....	.....	1	1	1	4	4
Minneapolis, Minn.....	Feb. 16.....	164,738	33	7	.....	.....	.....	.....	.....	1	1	1	1	1
Mobile, Ala.....	Feb. 15.....	31,076	13	6	.....	.....	.....	.....	.....	1	1	1	1	1
Mound Vernon, Ohio.....	Feb. 9.....	10,830	7	.....	.....	.....	.....	.....	.....	1	1	1	1	1
Do.....	Feb. 16.....	10,830	2	.....	.....	.....	.....	.....	.....	1	1	1	1	1
Nashville, Tenn.....	do.....	76,168	37	6	.....	.....	.....	.....	.....	1	1	1	1	1
Naugatuck, Conn.....	do.....	6,218	6	1	.....	.....	.....	.....	.....	1	1	1	1	1
New Bedford, Mass.....	do.....	40,733	21	2	.....	.....	.....	.....	.....	1	1	1	1	1
New Brunswick, N. J.....	do.....	18,603	5	.....	.....	.....	.....	.....	.....	1	1	1	1	1
New Haven, Conn.....	Feb. 14.....	81,298	53	3	.....	.....	.....	.....	.....	1	1	1	2	2

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 7; colored, 21.

1*

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	
New Orleans, La.....	Feb. 9....	242,039	165	19	.....	.....	.....	.....	.....	3	1	3	3
Newton, Mass.....	Feb. 16....	24,379	13	3	.....	.....	.....	.....	.....	8	16	29	4
New York, N. Y.....	do.....	1,515,301	958	122	9	.....	.....	.....	.....	.....	.....	.....	.....
Norristown, Pa.....	do.....	19,791	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Adams, Mass.....	Feb. 9....	16,074	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northampton, Mass.....	do.....	14,990	7	1	.....	.....	.....	.....	.....	.....	.....	.....	1
North Attleboro, Mass.....	Feb. 2....	6,727	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 9....	6,727	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Olean, N. Y.....	do.....	7,358	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Omaha, Nebr.....	do.....	140,452	15	4	.....	.....	.....	.....	.....	.....	.....	.....	2
Do.....	Feb. 16....	140,452	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oneonta, N. Y.....	do.....	6,272	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Palmer, Mass.....	do.....	6,520	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Passaic, N. J.....	Feb. 9....	13,028	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pensacola, Fla.....	do.....	11,750	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.....	do.....	1,046,964	455	45	3	.....	.....	.....	.....	8	2	23	1
Portage, Wis.....	do.....	5,143	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Do.....	Feb. 16....	5,143	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Port Richmond.....	Feb. 12....	6,290	5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Pottstown, Pa.....	Feb. 9....	13,285	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pottsville, Pa.....	do.....	14,117	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 16....	14,117	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	do.....	132,146	75	.....	.....	.....	.....	.....	.....	1	3	.....	2
Pueblo, Colo.....	Feb. 9....	24,568	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam, Conn.....	Feb. 2....	6,512	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 9....	6,512	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Racine, Wis.....	Feb. 16....	21,014	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rochester, N. Y.....	do.....	133,896	63	13	.....	.....	.....	.....	.....	2	.....	.....	3
St. Louis, Mo.....	Feb. 9....	451,770	185	18	4	.....	.....	.....	.....	2	1	11	.....
San Diego, Cal.....	do.....	16,159	2	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
San Francisco, Cal.....	do.....	298,997	123	27	.....	.....	.....	.....	.....	4	.....	.....	.....
Santa Barbara, Cal.....	do.....	5,864	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.....	do.....	5,760	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seneca Falls, N. Y.....	Feb. 2....	6,116	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 9....	6,116	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shreveport, La.....	do.....	11,979	10	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Sioux Falls, S. Dak.....	do.....	10,177	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Somerville, Mass.....	Feb. 16....	40,152	22	4	.....	.....	.....	.....	.....	1	1	1	1
South Bethlehem, Pa.....	Feb. 17....	10,302	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Spokane, Wash.....	Feb. 9....	19,922	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springfield, Mass.....	Feb. 16....	44,179	20	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sterling, Ill.....	Feb. 9....	5,824	3	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Superior, Wis.....	do.....	11,983	5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Taunton, Mass.....	Feb. 16....	25,448	13	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Tiffin, Ohio.....	Feb. 9....	10,801	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Titusville, Pa.....	Feb. 2....	8,073	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Feb. 9....	8,073	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio.....	Feb. 16....	5,973	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	Feb. 9....	230,392	97	17	.....	.....	.....	.....	.....	6	1	.....	.....
West Bay City, Mich.....	do.....	12,981	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Chester, N. Y.....	do.....	8,028	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wilmington, Del.....	Feb. 16....	61,431	26	2	.....	.....	.....	.....	1	.....	.....	.....	.....
Winona, Minn.....	Feb. 9....	18,208	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Worcester, Mass.....	Jan. 31....	84,655	37	3	.....	.....	.....	.....	.....	.....	2	.....	2
Do.....	Feb. 8....	84,655	35	2	1
Yonkers, N. Y.....	Feb. 15....	32,033	23	4	1	1	2
Youngstown, Ohio.....	Feb. 16....	33,220	8	1	1	2

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Table of Temperature and Rainfall, Week ended February 11, 1895.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	22	.....	9	1.01	.16	.....
Portland, Me.....	23	.....	14	.91	.....	.41
Northfield, Vt.....	16	.....	14	.55	.20	.....
Boston, Mass.....	26	.....	12	.90	.....	.06
Block Island, R. I.....	31	.....	17	1.22	.....	.82
New London.....	30	.....	19	.98	.....	.70
Albany, N. Y.....	25	.....	18	.63	.87	.....
New York, N. Y.....	32	.....	20	.91	.....	.34
Philadelphia, Pa.....	33	.....	22	.82	.....	.09
Atlantic City, N. J.....	34	.....	20	.84	.....	.44
Baltimore, Md.....	36	.....	25	.85	.....	.47
Washington, D. C.....	35	.....	24	.83	.....	.24
Lynchburg, Va.....	40	.....	24	.91	.....	.56
Norfolk, Va.....	43	.....	23	.91	.....	.33
Charlotte, N. C.....	45	.....	23	1.12	.....	.69
Wilmington, N. C.....	50	.....	20	.84	.....	.56
Charleston, S. C.....	53	.....	18	.90	.....	.63
Augusta, Ga.....	51	.....	21	.94	.25	.....
Savannah, Ga.....	55	.....	19	.77	.....	.42
Jacksonville, Fla.....	59	.....	18	.84	.....	.74
Titusville, Fla.....	62	.....	15	1.04	.....	.78
Jupiter, Fla.....	67	.....	15	.89	.....	.52
Key West, Fla.....	72	.....	12	.48	1.12	.....
Gulf States:						
Atlanta, Ga.....	48	.....	25	1.31	.....	.55
Mobile, Ala.....	55	.....	16	1.12	1.36	.....
Montgomery, Ala.....	53	.....	20	1.33	.....	.05
Vicksburg, Miss.....	52	.....	20	1.20	.....	.53
New Orleans, La.....	58	.....	18	1.06	.68	.....
Shreveport, La.....	50	.....	23	1.16	.....	.83
Fort Smith, Ark.....	41	.....	23	.87	.....	.87
Little Rock, Ark.....	45	.....	23	1.54	.....	1.39
Palestine, Tex.....	51	.....	23	.98	.....	.14
Galveston, Tex.....	57	.....	19	.77	1.53	.....
San Antonio, Tex.....	56	.....	19	.54	.....	.16
Corpus Christi, Tex.....	58	.....	17	.70	.....	.34
Ohio Valley and Tennessee:						
Memphis, Tenn.....	44	.....	17	1.40	.....	.83
Nashville, Tenn.....	41	.....	26	1.37	.....	.58
Knoxville, Tenn.....	43	.....	27	1.26	.....	.16
Louisville, Ky.....	38	.....	28	1.16	.....	.73
Indianapolis, Ind.....	30	.....	26	.84	.....	.42
Cincinnati, Ohio.....	36	.....	28	.98	.....	.75
Columbus, Ohio.....	31	.....	26	.91	.....	.43
Parkersburg, W. Va.....	36	.....	30	.77	.....	.10
Pittsburgh, Pa.....	33	.....	26	.70	.....	.30
Lake Region:						
Oswego, N. Y.....	24	.....	19	.63	.79	.....
Buffalo, N. Y.....	24	.....	22	.70	.07	.....
Erie, Pa.....	27	.....	24	.85	.....	.41
Cleveland, Ohio.....	27	.....	23	.70	.....	.47
Toledo, Ohio.....	27	.....	24	.56	.....	.39
Detroit, Mich.....	26	.....	23	.56	.....	.51
Port Huron, Mich.....	22	.....	20	.63	.....	.57
Alpena.....	17	.....	17	.66	.....	.47
Marquette, Mich.....	15	.....	14	.42	.....	.18
Grand Haven, Mich.....	24	.....	17	.56	.....	.29
Milwaukee, Wis.....	23	.....	24	.49	.65	.....
Chicago, Ill.....	28	.....	28	.58	.76	.....
Duluth, Minn.†	.....	.....	.....	.....	.....	.....
Upper Mississippi Valley:						
St. Paul, Minn.....	13	.....	21	.21	.09	.....
La Crosse, Wis.....	16	.....	22	.28	.07	.....
Davenport, Iowa.....	23	.....	26	.42	.....	.12
Des Moines, Iowa.....	21	.....	21	.33	.....	.18
Keokuk, Iowa.....	26	.....	26	.42	.....	.32
Springfield, Ill.....	30	.....	27	.96	.....	.80
Cairo, Ill.....	38	.....	24	1.03	.....	.89
St. Louis, Mo.....	33	.....	25	.77	.....	.61
Missouri Valley:						
Springfield, Mo.....	35	.....	26	.82	.....	.70
Kansas City, Mo.....	30	.....	23	.42	.....	.35

* The figures in these columns represent the average daily departure.

† Report missing.

Table of Temperature and Rainfall, Week ended February 11, 1895—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
Missouri Valley—Continued.						
Wichita, Kans.	36	.....	25	.35	.....	.33
Concordia, Kans.	26	.....	22	.14	.....	.09
Omaha, Nebr.	21	.....	21	.17	.....	.11
Valentine, Nebr.	29	.....	22	.13	.....	.08
Huron, S. Dak.	10	.....	19	.11	.36	.....
Pierre, S. Dak.	12	.....	15	.07	.23	.....
Moorehead, Minn.	2	.....	15	.21	.02	.....
St. Vincent, Minn.	4	.....	8	.14	.10	.....
Bismarck, N. Dak.	7	.....	11	.14	.12	.....
Williston, N. Dak.	6	.....	14	.10	.25	.....
Rocky Mountain Slope:						
Havre, Mont.	12	.....	23	.17	.20	.....
Helena, Mont.	20	.....	17	.20	.21	.....
Spokane, Wash.	27	4	.....	.56	.....	.56
Walla Walla, Wash.	34	1	.....	.49	.....	.49
Winnemucca, Nev.	32	.....	11	.28	.....	.01
Salt Lake City, Utah.	32	.....	4	.35	.....	.18
Cheyenne, Wyo.	26	.....	18	.07	.12	.....
North Platte, Nebr.	24	.....	24	.07	.....	.07
Denver, Colo.	32	.....	19	.11	.05	.....
Pueblo, Colo.	32	.....	51	.14	.26	.....
Dodge City, Kans.	30	.....	21	.14	.....	.03
Abilene, Tex.	46	.....	24	.28	.....	.26
Santa Fe, N. Mex.	32	.....	4	.21	.31	.....
El Paso, Tex.	48	.....	7	.07	.....	.07
Tucson, Ariz.	52	0	.....	.21	.....	.21
Pacific Coast:						
Port Angeles, Wash.	36	3	.....	.96	.....	.91
Portland, Oreg.	40	.....	2	1.68	.....	1.68
Roseburg, Oreg.	42	.....	4	1.19	.....	.73
Red Bluff, Cal.	48	.....	1	.91	.55	.....
Sacramento, Cal.	49	1	.....	.77	.15	.....
San Francisco, Cal.	52	.....	1	.98	.04	.....
Fresno, Cal.	49	1	.....	.28	.27	.....
Los Angeles, Cal.	54	.....	4	.86	.....	.70
San Diego, Cal.	55	.....	3	.63	.....	.40
Yuma, Ariz.	58	01414

* The figures in these columns represent the average daily departure.

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FOREIGN.

[Reports received from the United States consuls through the Department of State and from other sources.]

Cholera and Yellow Fever as reported to the Supervising Surgeon-General M. H. S., January 4, 1895, to February 19, 1895.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Buenos Ayres.....	To Jan. 10.....	125	59	
La Plata.....	Dec. 29.....	1	.....
San Nicholas.....	do.....	7	3	
Austria-Hungary:				
Galicia.....	Dec. 3-Jan. 27.....	840	435	
Belgium.....	Nov. 18-Nov. 24.....	3	.....
Brazil.....	Dec. 11.....	.....	.....
	Dec. 26-Jan. 15.....	.....	.....	Cholera reported.†
France:				
Roubaix.....	December.....	.....	3	
Germany.....	Dec. 10-Dec. 31.....	3	2	
Holland.....	Dec. 8.....	7	.....
India:				
Bombay.....	Dec. 11-Jan. 8.....	.....	4	
Calcutta.....	Nov. 17-Dec. 29.....	.....	106	
Madras.....	Dec. 7-Dec. 21.....	.....	22	
Russia (governments):				
Archangel.....	Oct. 28-Nov. 3.....	4	3	
Baku.....	Nov. 4-Dec. 8.....	9	8	
Bessarabia.....	Nov. 11-Dec. 22.....	130	59	
Ekaterinoslav.....	Nov. 11-Dec. 15.....	35	26	
Grodno.....	Nov. 23-Dec. 8.....	61	35	
Kiev.....	Nov. 11-Dec. 22.....	159	71	
Kovno.....	do.....	96	51	
Kurland.....	Nov. 4-Dec. 15.....	5	3	
Kursk.....	Dec. 2-Dec. 8.....	5	3	
Lomza.....	Nov. 18-Dec. 2.....	11	8	
Lublin.....	Nov. 3-Dec. 8.....	45	14	
Minsk.....	Nov. 16-Dec. 29.....	49	17	
	Jan. 6-Jan. 12.....	5	3	
Mohilev.....	Nov. 25-Dec. 29.....	52	16	
Olonetz.....	Nov. 18-Nov. 24.....	7	4	
Pensa.....	Nov. 11-Nov. 24.....	20	12	
Perm.....	Nov. 4-Dec. 8.....	39	22	
Petrikov.....	Nov. 25-Dec. 22.....	74	37	
	Jan. 4-Jan. 17.....	6	1	
Podolia.....	Nov. 11-Dec. 22.....	1,630	692	
Pskov.....	Nov. 16-Dec. 7.....	4	2	
Radom.....	Jan. 1-Jan. 15.....	20	8	
Riasan.....	Nov. 4-Dec. 15.....	48	30	
Saratov.....	Nov. 11-Dec. 15.....	25	20	
Suwalki.....	Jan. 18-Jan. 23.....	20	7	
Tambov.....	Nov. 18-Dec. 8.....	42	16	
Taurien.....	Nov. 4-Dec. 8.....	61	35	
Tchernigov.....	Nov. 4-Dec. 15.....	77	22	
Tiflis.....	Nov. 4-Dec. 1.....	35	11	
Volhynia.....	Nov. 4-Dec. 15.....	101	51	
Wilna.....	Nov. 11-Dec. 11.....	44	18	
Witebsk.....	Nov. 18-Dec. 29.....	55	32	
	Jan. 6-Jan. 12.....	5	2	
Yaroslav.....	Nov. 11-Dec. 22.....	28	6	
Turkey:				
Adalia.....	Dec. 11-Dec. 29.....	121	70	
Bitlis.....	Jan. 3.....	.....	.....
Constantinople.....	Dec. 23.....	.....	4	
Hudavendikiar.....	Nov. 28-Dec. 21.....	18	11	
Pera.....	Feb. 21.....	.....	.....
Siverek.....	Jan. 8-Jan. 14.....	.....	18	
Van.....	Dec. 28.....	6	3	

† Towns Cachocira, Cruzeiro; Campo Bello, Barra; Reyende, Quelenz, and Volta Redonda.

Cholera and Yellow Fever, etc.—Continued.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Rio de Janeiro	Dec. 1-Jan. 12		16	
Santos.....	Nov. 23-Jan. 5		6	
Cuba	Dec. 20-Jan. 31	53	22	
Ecuador:				
Guayaquil.....	Jan. 24		1	
Mexico :				
Vera Cruz.....	Dec. 27-Jan. 24		5	
Salvador	Dec. 9-Jan. 15		12	
Puerto Rico	Nov. 21-Jan. 9		4	
West Indies:				
Curaçoa	Dec. 28-Jan. 5	3	3	

ARGENTINA.

Cholera in Argentina.

BUENOS AYRES, December 28, 1894.

SIR: I have to-day cabled to the Department of State as follows—“Buenos Ayres, December 28. Gresham, Washington. Cholera, Argentina. Baker”—which telegram I now confirm. It was sent by me, in pursuance of paragraph 335 of the Consular Regulations.

A week ago it was announced in the papers of this city that various cases of cholera had appeared at the ports of Colastine and Rosario, on the Parana River. Quite a number of deaths were reported at the former port and several at the latter.

At first it was believed here that the cases were merely choleric or cholera morbus; but the doctors stated that the post mortems indicated otherwise; and at once Brazil and Uruguay closed their ports except under rigid quarantine to all vessels arriving from the Argentine Republic.

A few days after cases of what was also pronounced to be cholera appeared here in Buenos Ayres; and to-day the Argentine national authorities have so far recognized the existence of the disease as to issue a decree closing all the up river ports and requiring all vessels to enter here.

No deaths have yet occurred here from cholera, though a number of cases have been sent to the lazaretto or “Casa de Aistamiento;” but it is my opinion that no Asiatic cholera has appeared in this city, or, indeed, this country, and that the cases reported were the usual cholera morbus, which to some extent appears here every year during the hot weather, the result of improper diet or other excesses.

In view, however, of the decree of the Government I have deemed it my duty to cable, as I have done, to the Department.

I have the honor to be, sir, very respectfully, your obedient servant,
E. L. BAKER,
United States Consul.

The Hon. ASSISTANT SECRETARY OF STATE.

AUSTRIA.

Report on the Use of Antitoxic Serum in the Treatment of Diphtheria at Trieste.

TRIESTE. AUSTRIA, January 23, 1895.

SIR: I have the honor in this dispatch to report upon diphtheria and the

February 22, 1895.

Behring-Roux antitoxine serum treatment of this disease in Trieste, and to give the results of the treatment thus far as compared with former years.

I have the means of comparing the death rate before and since its use, as I have in the consulate the sanitary reports, issued weekly; but in this comparison I do not deem it needful to go further back than the beginning of the year 1893.

Diphtheria is prevalent here, and has been a much dreaded disease, the mortality rating higher than in other cases. The profession hitherto used the ordinary remedies, accompanied in extreme cases with tracheotomy and intubation. They have availed themselves of the antitoxine serum method, and with highly satisfactory results. Since August 15, 1894, with the exception of two weeks, when the serum was exhausted, this method has been used in the hospitals and by the profession in private practice.

The percentage of deaths during the year 1893, as shown by the sanitary reports, was 46.95, and from January 1, 1894, to August 15, 1894, when the antitoxine serum treatment began, 42.70 per cent. From August 15 to date, exclusive of the two weeks ending December 1 and 8, when the serum supply was exhausted, under the use of the antitoxine serum, the percentage of mortality has been reduced to 16.50 per cent. The percentage of deaths has been lowered as experience in the use of the antitoxine was acquired; thus since January 1, 1895, the deaths have been only 10 per cent.

It is worthy of note that during the two weeks ending December 1 and 8, when the antitoxine serum was not used, the deaths amounted to 44.30 per cent, there being a sudden and sharp increase when the antitoxine serum was not used and a sudden and sharp decrease of deaths when its use was resumed.

I have the honor to be your obedient servant,

J. EDWARD NETTLES,

Consul.

The Hon. ASSISTANT SECRETARY OF STATE.

BRAZIL.

Sanitary Report of Rio de Janeiro—Cholera in Brazil and Argentina.

RIO DE JANEIRO, January 15, 1895.

SIR: I have the honor to transmit report for week ended January 12, 1895. From *acesso pernicioso* there were 7 deaths, a decrease of 1; from yellow fever 3, the same as in the foregoing week; from smallpox 1, a decrease of 2; from enteric fever, 1, a decrease of 1; and from beriberi, 1. The total from all causes was 221, an increase of 18 over the previous week. From this you will see that the health of the town and port is unusually good for the season.

Cholera.—This disease appears to be steadily declining in the originally infected district, but the morning papers state that it has extended farther into the State of Minas Geraes, and that it broke out in Quiz de Fora, in that State, two days ago, there having been some 12 cases amongst the Italian immigrants, with the usual proportion of deaths. This new outbreak is attributed to the persistency of the State health officers in refusing to believe that the disease is really cholera, and to their consequent relaxing of the sanitary measures proposed by the Government. From the clinical history of the cases published, from the autopsies and

the mortality, as well as the constant presence of the comma bacillus, it appears that the disease must be cholera ; at any rate it is very fatal, and proved to be contagious ; hence, the measures of the Government sanitary authorities are well taken.

Case of the Olympo.—On the 9th of the month the English steamer *Olympo*, in quarantine at Ilha Grande, stole off in the night and came to the entrance of this harbor, where she was met and ordered back, which order she obeyed. She had 12 cholera cases aboard and 6 dead of the same disease, and though having repeatedly asked for succor, the authorities at Ilha Grande neither furnished doctor, medicines, nor anything else, and informed the captain that they had no place for the sick, and that their station was simply for disinfection and nothing else. Now the ship is at Ilha Grande with her sick aboard (they threw the cadavers into the sea), and no assistance has been given her. This statement is from the newspapers here ; though some of them vary the account somewhat, all agree that there is no provision for isolating the sick, a very serious revelation, as without such provision the establishment there should not be called a "lazaretto."

But we must not take all for true that is told of this case, as there is bad feeling between the English captains and the port authorities, as witness the case of steamer *Sorata*, which entered this port on the day before yesterday with a notice posted in the saloon warning passengers not to go ashore in Rio, which is now flagellated with a terrible epidemic of yellow fever, which statement you can compare with my official reports.

During the week there were 6 cases of suspected cholera in this town, all sent to the hospital in Juanjuba Bay ; the results I can not find out, as the dead from that hospital are interred in Nitheroy.

Cholera in Buenos Ayres.—Telegraphic reports state that up to the 10th of January there had been 125 cases and 59 deaths from cholera in Buenos Ayres ; and on the 11th the authorities then reduced the quarantine declared for Brazilian ports to a simple inspection. I really think the danger for this port is to be apprehended from the Plate River rather than from the interior.

Since last report the following named ships have been inspected and received bills of health from this office : January 4, bark *Poseidon*, Norwegian, for Tybee Roads, Ga. ; January 10, steamship *Dalton*, English, for New York, N. Y. ; January 12, steamship *Chinese Prince*, English, and steamship *Sorrento*, German, for New York.

Respectfully yours,

R. CLEARY, M. D.,
Sanitary Inspector, M. H. S.

GERMANY.

Establishment of Control Stations for Emigrants on the German Frontier.

INTERNATIONAL NAVIGATION COMPANY,
New York, February 14, 1895.

SIR : Referring to the establishment of control stations for immigrant inspection on the frontier between Germany and Russia, mentioned in the ABSTRACT OF SANITARY REPORTS, Vol. IX, No. 50, p. 1197, it gives me great pleasure to advise you that the Red Star Line made arrangements early in November of last year to have all of their passengers coming from Russia admitted to the stations at Illowo, Ottlotschin, Prostken, Eydtkuhnen, and Bajohren, in order that they may pass the

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same rigorous examination, and at the same time have their baggage properly disinfected. The Red Star Line agreed to participate in the maintenance of the establishments at a considerable annual expense, with a view of fully insuring itself against the importation of any infectious disease, inasmuch as only such passengers from Russia will be allowed to pass through Germany to Antwerp on their way to the United States, who will be provided with a passport entitling them to proceed on their journey through Germany, issued to them only after having gone through the requisite quarantine at those stations.

Yours, truly,

J. A. WRIGHT,
Second Vice-President.

To the SUPERVISING SURGEON-GENERAL M. H. S.

NETHERLANDS AMERICAN STEAM NAVIGATION COMPANY,
New York, February 14, 1895.

SIR : Referring to a letter appearing in the ABSTRACT OF SANITARY REPORTS, Vol. IX, No. 50, regarding the establishment of frontier stations at the Russian-German frontiers at Illowo, Ottlotschin, Prostken, Eydtkuhnhen, and Bajohren, we hereby wish to inform you that since last November the Netherlands Line has made arrangements whereby all its passengers from Russia to the United States, and traveling overland to Rotterdam or Amsterdam, are in the same way thoroughly examined and their baggage properly disinfected before passing through Germany.

In participating in the maintenance of said stations at a considerable annual expense, we wish to insure ourselves against any possible, infection and will not allow any passengers for our line from Russia to proceed through Germany without being provided with a passport, issued only to them, who have passed through the required inspection at said stations.

Yours, respectfully,

J. WILMINK,
General Agent pro tem.

To the SUPERVISING SURGEON-GENERAL M. H. S.

TURKEY IN EUROPE.

Cholera in Turkey.

[Report No. 114.]

CONSTANTINOPLE, *January 30, 1895.*

In my previous reports I have mentioned that several cholera cases have occurred at Constantinople. They were among the recruits who were arriving from Asia Minor in spite of the remonstrances of the International Sanitary Commission. At the present, besides the cholera cases observed among the troops, there are several civilians who have fallen victims to this disease. I am able to report to-day the cholera cases, of which several proved fatal, and which occurred mostly among the inhabitants of Constantinople.

On the 14th of November, 1894, 1 case occurred at the hospital of Yeni-bakché. A second cholera case occurred at the same hospital on the 18th of the same month. This second case proved fatal. On the 19th of November a third case occurred at Tahta-Kalé. This patient recovered. On the same date, the 19th, another cholera case was observed at Fatik, which case proved fatal on the 23d of the same month. Two cholera cases occurred at Capatash, a suburb of the town on the Bos-

phorus, among the soldiers of the corps de garde at that village. These 2 cases occurred on the 16th and 21st of December, 1894.

On the 9th instant 1 fatal case occurred at Azab-Capon. On the 17th instant another cholera case (which also proved fatal within two days) occurred at Yeni-bakché in the hospital. On the 20th a cholera case was reported at Ortakivi, and has been removed to the marine hospital at Cassim Pasha. It proved fatal on the 25th instant. On the 21st, at Yeni-bakché (hospital), another cholera case was reported. At the same date at Ortakivi, another suburb on the Bosphorus, a cholera case occurred among the military bakery. This case proved fatal on January 24. On the 22d, at Balata, a suburb on the Golden Horn, a man fell ill with choleraic symptoms, and was removed to the municipal hospital of the sixth circle. On the 22d a fresh case at Ortakivi among the servants of the Mosque. On the 23d 2 cholera deaths occurred in the hospital of Yedi-coulé, the Greek hospital of Seven Towers. On the 25th, 26th, and 28th 3 more cholera cases occurred at Ortakivi, of which 1 proved fatal.

Since the 14th of last November, 1894, up to the 28th instant, 18 cholera cases have occurred, of which 9 proved fatal, 4 recovered, and 5 are still under treatment. The cholera bacillus has been found in the dejecta. In spite of these cholera deaths, the board of health continues delivering clean bills of health to the ships, or to merchants who ship goods. I referred these facts to the consul-general for Constantinople. I must not forget to mention that many other cases of cholera are occurring in town, but without being reported to the authorities, in order to avoid the disinfection, which, it seems, is not made in a satisfactory way. At the last sitting of the International Sanitary Commission it was stated that the disinfection is made in a very imperfect way. It was also stated (already known) that the sanitary conditions of the town are very defective.

Smallpox is still raging. During the week ending the 28th instant 33 deaths from smallpox were reported in Constantinople.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

AUSTRALIA—*New South Wales*.—*New Castle*.—Month of November, 1894. Population, 15,329. Total deaths, 24, including 1 from enteric fever.

Month of December, 1894. Total deaths, 16. No deaths from contagious diseases.

QUEENSLAND—*Brisbane*.—Month of October, 1894. Population, 93,657. Total deaths, 79, including 2 from diphtheria.

Month of November, 1894. Total deaths, 67, including diphtheria, 2; and measles, 1.

BRITISH COLUMBIA—*Victoria*.—Month of December, 1894. Estimated population, 20,000. Total deaths, 23. No deaths reported from contagious diseases.

Month of January, 1895. Total deaths, 22. No deaths reported from contagious diseases.

FRANCE—*Rouen*.—Month of December, 1894. Estimated population, 111,847. Total deaths, 297, including phthisis pulmonalis, 34; enteric fever, 4; croup, 30; measles, 1; and whooping cough, 1.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns of England and Wales during the week ended February 2 corresponded to an annual rate of 19.7 a thousand of the aggregate population, which is estimated at 10,591,530. The lowest rate was recorded in Croydon, viz., 11.8, and the highest in Liverpool, viz., 27.9 a thousand.

London.—One thousand five hundred and ninety-eight deaths were registered during the week, including smallpox, 2; measles, 13; scarlet fever, 11; diphtheria, 45; whooping cough, 30; enteric fever, 9; and diarrhea and dysentery, 12. The deaths from all causes corresponded to an annual rate of 19.0 a thousand. In greater London 2,019 deaths were registered, corresponding to an annual rate of 17.4 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria and 14 from whooping cough.

Sunderland.—Two weeks ended January 26, 1895. Estimated population, 212,679. Total deaths, 135, including enteric fever, 2; scarlet fever, 1; diphtheria, 2; measles, 1; and whooping cough, 4.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 2 in the 16 principal town districts of Ireland was 31.5 a thousand of the population. The lowest rate was recorded in Drogheda, viz., 17.6, and the highest in Galway, viz., 79.3 a thousand. In Dublin and suburbs 214 deaths were registered, including smallpox, 5; enteric fever, 3; scarlet fever, 1; and whooping cough, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended February 2 corresponded to an annual rate of 23.9 a thousand of the population, which is estimated at 1,500,435. The lowest mortality was recorded in Leith, viz., 13.5, and the highest in Glasgow, viz., 26.5 a thousand. The aggregate number of deaths registered from all causes was 690, including measles, 37; scarlet fever, 12; diphtheria, 3; and whooping cough, 25.

GUIANA—Parimaribo.—Month of December, 1894. Estimated population, 29,231. Total deaths, 74, including 1 from leprosy.

TURKEY—Constantinople.—Month of January, 1895. Population, 700,000. Total deaths, 1,213, including 150 from smallpox.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	'Total deaths from all causes'	Deaths from—						
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Aix la Chapelle	Jan. 26.....	109,843	33						1	
Amapala.....	Jan. 19.....	1,500	3					3		
Do.....	Jan. 26.....	1,500	0							
Amherstburg.....	Feb. 9.....	2,300	1							
Amsterdam.....	Feb. 2.....	450,084	128						1	4
Basle.....	Jan. 26.....	80,000	31							
Belleville.....	Feb. 11.....	10,201	3							
Berlin	Jan. 19.....	1,820,340	509					15	22	1
Birmingham	Jan. 26.....	492,301	180		2		3		4	2
Bologna.....	Feb. 2.....	146,068	86						1	
Bombay.....	Jan. 15.....	853,926	505							
Bradford.....	Jan. 26.....	221,610	64							3
Bristol.....	do.....	228,139	95				2	1	1	2
Brussels.....	do.....	498,400	246				4	2	20	5
Budapest.....	Jan. 28.....	600,000					1	2	4	1
Calcutta.....	Jan. 5.....	681,560	561	23	25				1	4
Callao.....	Jan. 13.....	20,000	21				1			
Cardenas.....	Jan. 26.....	23,517	15							
Chemnitz.....	do.....	150,000	72							
Cienfuegos.....	Feb. 9.....	23,000	20							
Coaticook.....	do.....	2,500	0							
Cologne.....	Jan. 26.....	313,408	115				2		7	1
Colombo.....	Jan. 5.....	130,000	105				1			
Denia.....	Jan. 19.....	14,000	7							
Dublin.....	Jan. 26.....	350,000	208		6	1	1			
Dundee.....	do.....	160,163	61							
Edinburgh.....	Jan. 19.....	270,588	146				2	1	3	13
Do.....	Jan. 26.....	270,588	110				1	3	2	10
Dusseldorf.....	do.....	163,071	60					1	3	
Flushing.....	Feb. 2.....	15,584	6							
Frankfort on the Main.....	do.....	265,000	63				2	3	1	1
Genoa.....	Jan. 12.....	177,688	119						1	
Gibraltar.....	Jan. 19.....	177,688	107				1		2	
Do.....	Jan. 27.....	25,800	16						1	
Glasgow.....	Feb. 3.....	25,800	12						1	
Gothenburg.....	Jan. 19.....	686,820	415		1		3	2	24	13
Do.....	Jan. 26.....	686,820	365		1		4	5	2	25
Guelph.....	do.....	108,801	36				1	2	4	2
Guayaquil.....	Feb. 2.....	10,689	5						1	
Do.....	Feb. 9.....	10,689	1							
Halifax.....	Jan. 10.....	45,000	51							3
Havana.....	Jan. 17.....	45,000	53							2
Kehl.....	Jan. 24.....	45,000	66	1	3				2	3
Kingston, Can.....	Jan. 9.....	38,700	22							
Leeds.....	Jan. 7.....	198,620	128	1	3		1		3	
Leith.....	Jan. 26.....	129,556	56						1	2
Do.....	Feb. 8.....	17,808	7							
Leeds.....	Feb. 15.....	17,808	17							
Leigh.....	Feb. 2.....	388,761	154					1	1	4
Lelystad.....	Jan. 19.....	103,244	60							
Leith.....	do.....	72,003	33						3	
Licata.....	Jan. 26.....	72,003	27		1			1	1	
Liege.....	Jan. 12.....	250,000	4							
London, Canada.....	Jan. 26.....	155,898	52					1	1	
London, England.....	Feb. 9.....	35,000	6							
Lyons.....	Jan. 26.....	6,048,555	1,927				25	9	44	25
Do.....	Jan. 17.....	500,000	363					2		
Magdeburg.....	Jan. 12.....	223,171	89						11	
Manchester.....	Jan. 19.....	522,365	235				2	4	1	3
Mannheim.....	Jan. 26.....	88,000	30						2	
Marsala.....	Jan. 12.....	40,131	19				1			
Matamoras.....	Feb. 8.....	8,000	9						1	
Messina.....	Feb. 2.....	87,500	48				1	4		
Monte Cristy.....	do.....	1,500	1							
Montevideo.....	Jan. 5.....	240,390	70				2	2	1	
Munich.....	Jan. 26.....	396,000	161				2	4	1	3
Naples.....	Jan. 19.....	570,000	343		2		5		1	
Newcastle on Tyne.....	Jan. 26.....	297,021	63						1	7
Nuremberg.....	Jan. 12.....	161,161	54							
Do.....	Jan. 19.....	161,161	83							5
Odessa.....	Jan. 26.....	324,800	123		1		4	2	4	1
Palermo.....	Jan. 19.....	250,000	142						12	1
Paris.....	Jan. 12.....	2,424,705	1,079				6	2	14	1

February 22, 1895.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Paris.....	Jan. 19....	2,424,705	1,176		2			1	1	9	
Do.....	Jan. 26....	2,424,705	1,208		2			1	3	7	
Paso del Norte.....	Feb. 9....	8,000									1
Port au Prince.....	Jan. 14....	40,000	24								
Do.....	Jan. 21....	40,000	21								
Do.....	Jan. 28....	40,000	21								
Port Sarnia.....	Feb. 9....	7,000	2							2	
Port Stanley.....	Nov. 24....	1,789	0								
Do.....	Dec. 1....	1,789	0								
Do.....	Dec. 8....	1,789	0								
Do.....	Dec. 15....	1,789	0								
Puerto Cortez.....	Feb. 6....	1,500	1								
Queenstown.....	Feb. 2....	15,000	2								
Rheims.....	Jan. 19....	105,408	80						1		1
Rio de Janeiro.....	Jan. 12....	600,000	221	3	1		1				
Rotterdam.....	Feb. 2....	234,918	94								4
Sagua la Grande.....	Feb. 9....	17,536	11								
St. Georges.....	Feb. 3....	15,013	0								
Do.....	Feb. 10....	15,013	0								
St. Petersburg.....	Feb. 19....	1,063,513	545	4		4	23	23	5	5	4
St. Stephens.....	Feb. 9....	2,700	1								
San Pedro.....	Jan. 26....	3,500	2								
Schiedam.....	Feb. 2....	25,580	12								
Sheffield.....	Jan. 26....	341,756	120					1	2	2	12
Stockholm.....	do.....	252,937	98					1	2	7	2
Stuttgart.....	Jan. 31....	139,659	51							2	1
Tegucigalpa.....	Jan. 26....	12,000	6								
Teneriffe.....	Jan. 5....	22,000	10					1			
Trapani.....	Jan. 19....	43,095	9		3						
Trieste.....	Jan. 26....	158,314	79					1		5	
Tuxpan.....	Feb. 2....	10,280	3								1
Venice.....	Jan. 26....	158,159	63					1			1
Vera Cruz.....	Feb. 7....	25,500	23								
Warsaw.....	Jan. 19....	575,654	200		1		3	11			1
Winnipeg.....	Feb. 9....	35,500	6								
Zurich.....	Jan. 26....	126,000	46					1			

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General Marine-Hospital Service.